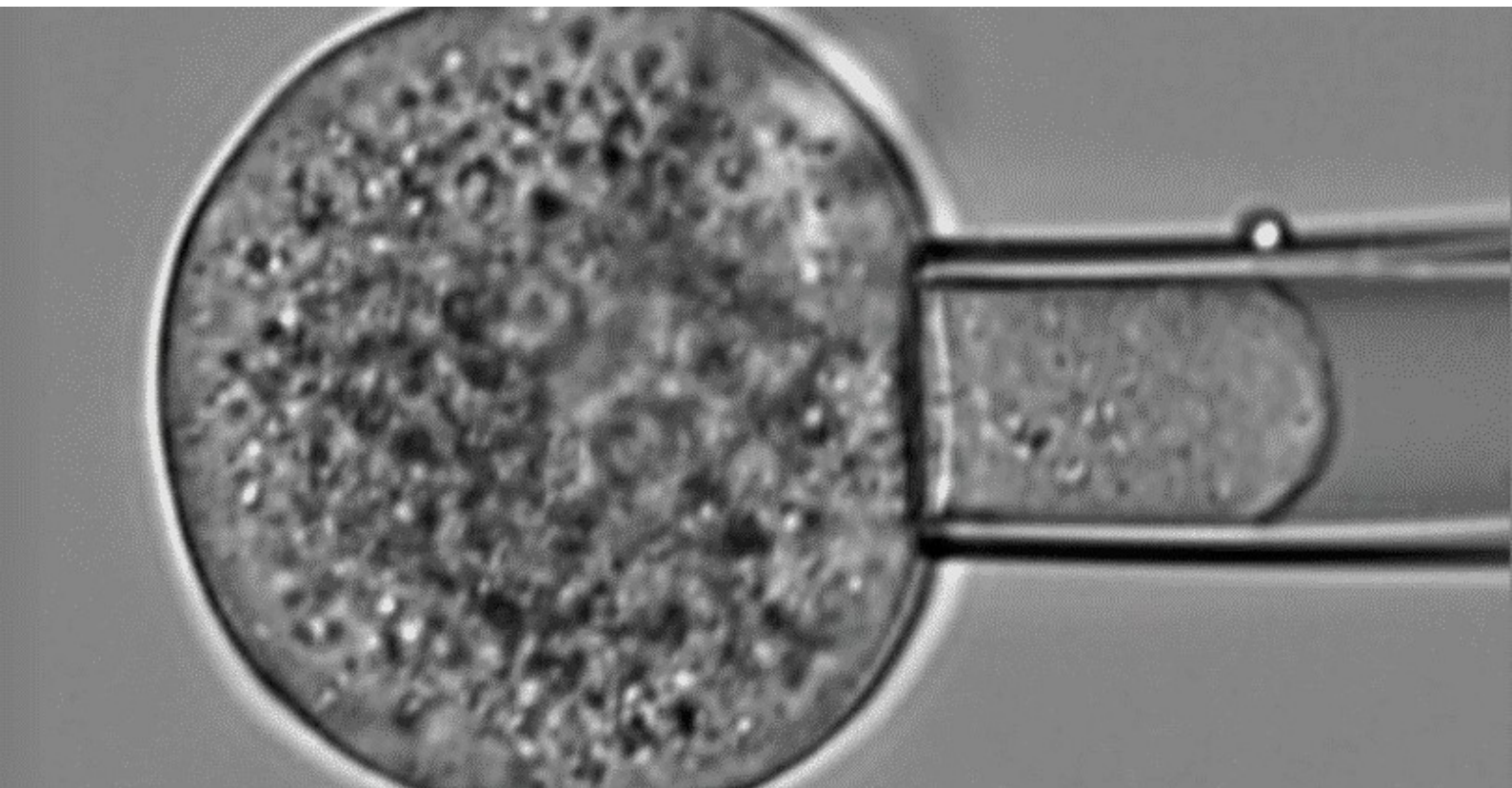


# MICROPIETTE ASPIRATION PACKAGE

**P/N: E-MASPI01**



## DESCRIPTION

The Fluigent micropipette aspiration package allows one to manipulate and characterize cells at the single-cell level. It is a powerful non-invasive technique to evaluate how the biomechanical properties of single cells or tissues govern cell shape, cell response to mechanic stimuli, transition from nontumorigenic to tumorigenic state or morphogenesis.

## Advantages & Benefits



### NON-INVASIVE

Repetitive measurements on the same sample



### High reproducibility

Pressure regulators deliver the set pressure with  $\pm 0.1\%$  precision



### High sensitivity and resolution

Control small pressure increments at low pressure

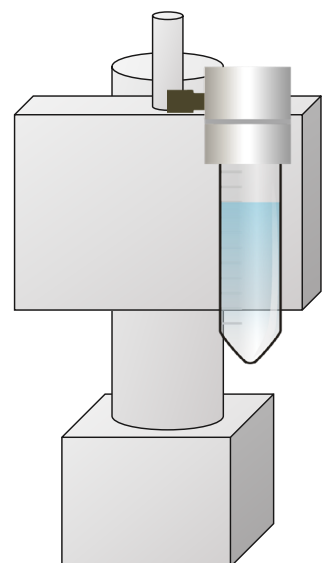
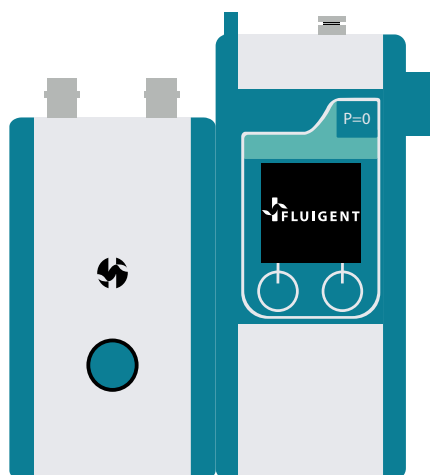


### Cost-effective, easy to build and operate

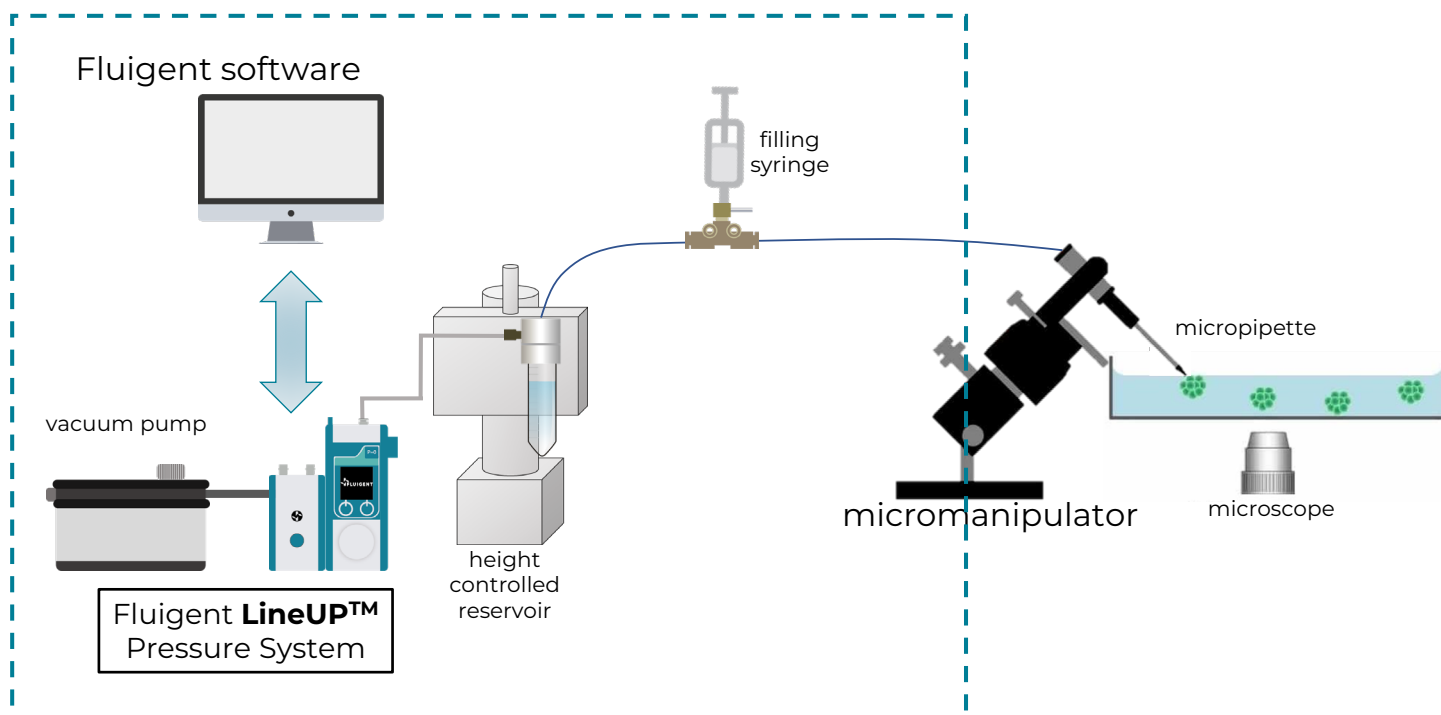
All components and information to fit to your microscope and micropipette

## Content

- 1\*FlowEZ -25 mbar
- 1\*Link
- 1\*Supply kit
- 1\* Fluiwell-1C15 mL HPMFCS
- 1\*Compact Vacuum Pump
- 1\*Microaspiration tubing and fittings kit
- 1\*Linear Stage:
  - Magnetic base
  - Rod
  - Clamp
  - Linear Stage
  - Micrometer head
  - Custom reservoir header
  - Screws



## SET-UP OVERVIEW



## TECHNICAL SPECIFICATIONS

		Product	Quantity
<b>Included in the package</b> <b>PN: E-MASPI01</b>	<b>Pressure control</b>	LineUp Flow EZ (-25 mbar)	1
		LineUp LINK Module (software control)	1
		LineUp Supply Kit (power supply)	1
		Fluiwell-1C-15 ml HPMFCS (15 mL fluid reservoir)	1
		Compact Vacuum Pump x1	1
<b>Not included in the package</b>	<b>Linear stage</b>	Magnetic base Rod Clamp Linear stage Micrometer head Custom reservoir holder Screws	1
	<b>Tubing &amp; fittings kit (from the reservoir to the micropipette holder)</b>	Microaspiration tubing and fittings kit PN: E-MASPI-KIT01	1
	<b>Micromanipulator (you can chose between one of the two selected micromanipulators)</b>	Narishige MMO -4 (upgraded MMO-202ND) TransferMan® 4r (upgraded Transferman NK2 )	1 1
	<b>Micropipette</b>	ES-Blastocyst Injection Pipettes – Blunt from Biomedical Instruments	1